

FIG. 1

FIG.2

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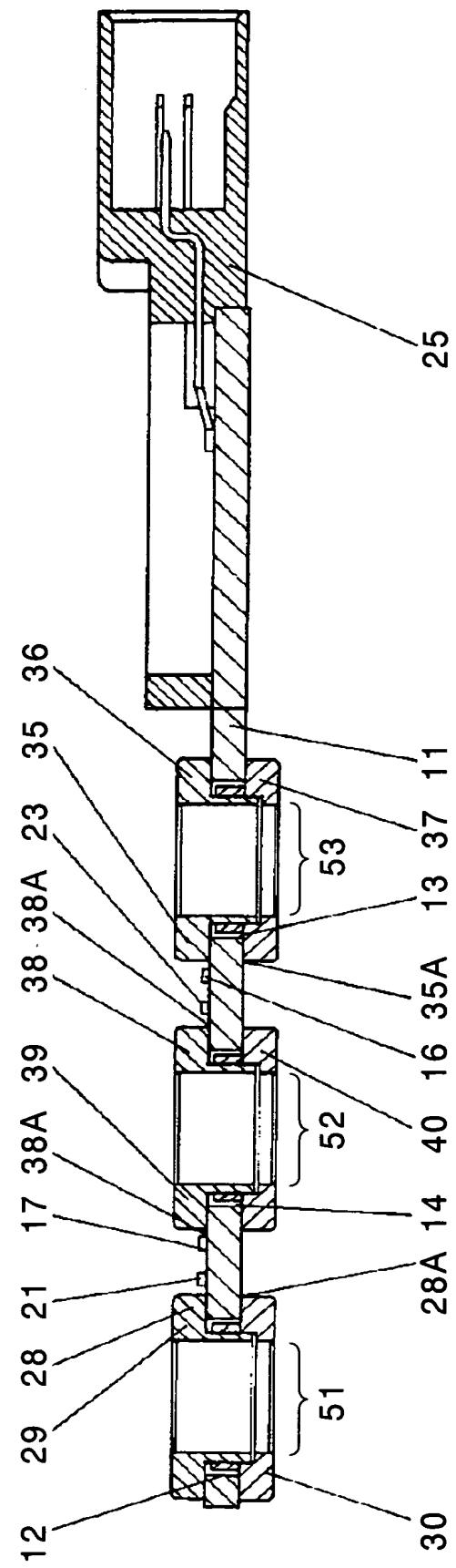


FIG.3

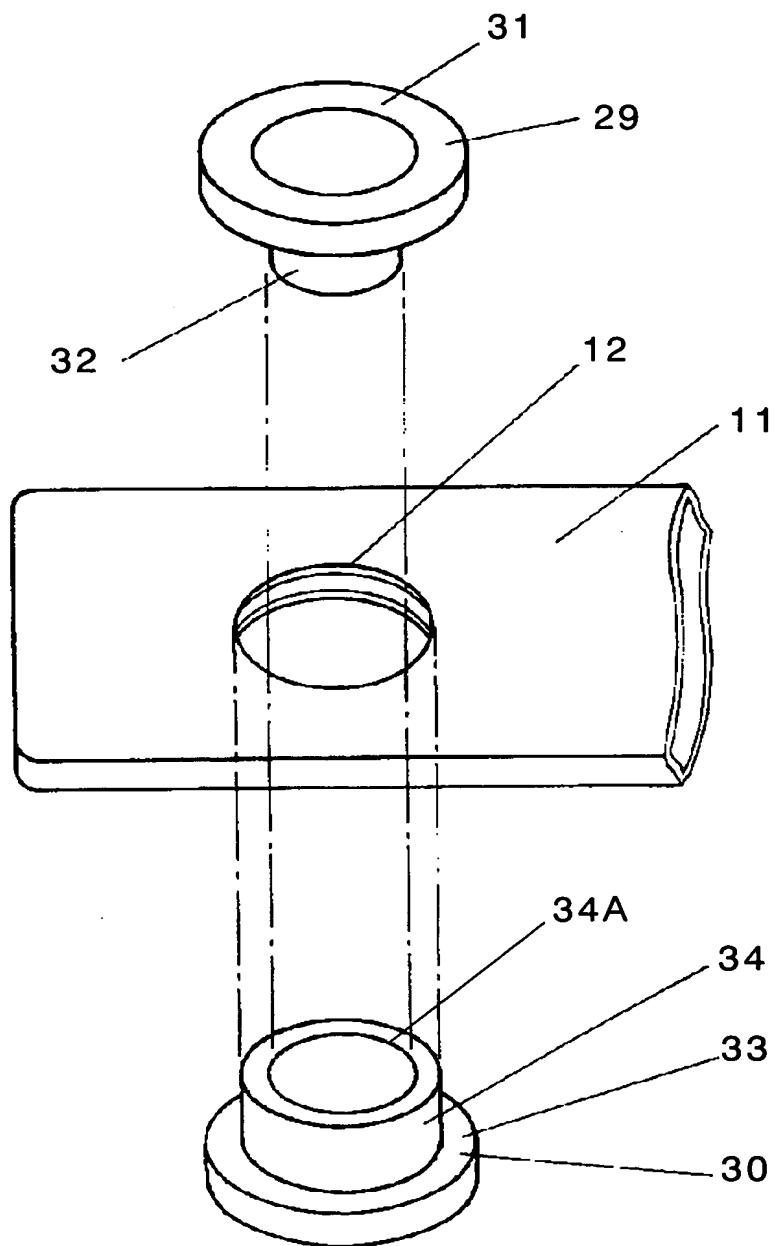


FIG. 4

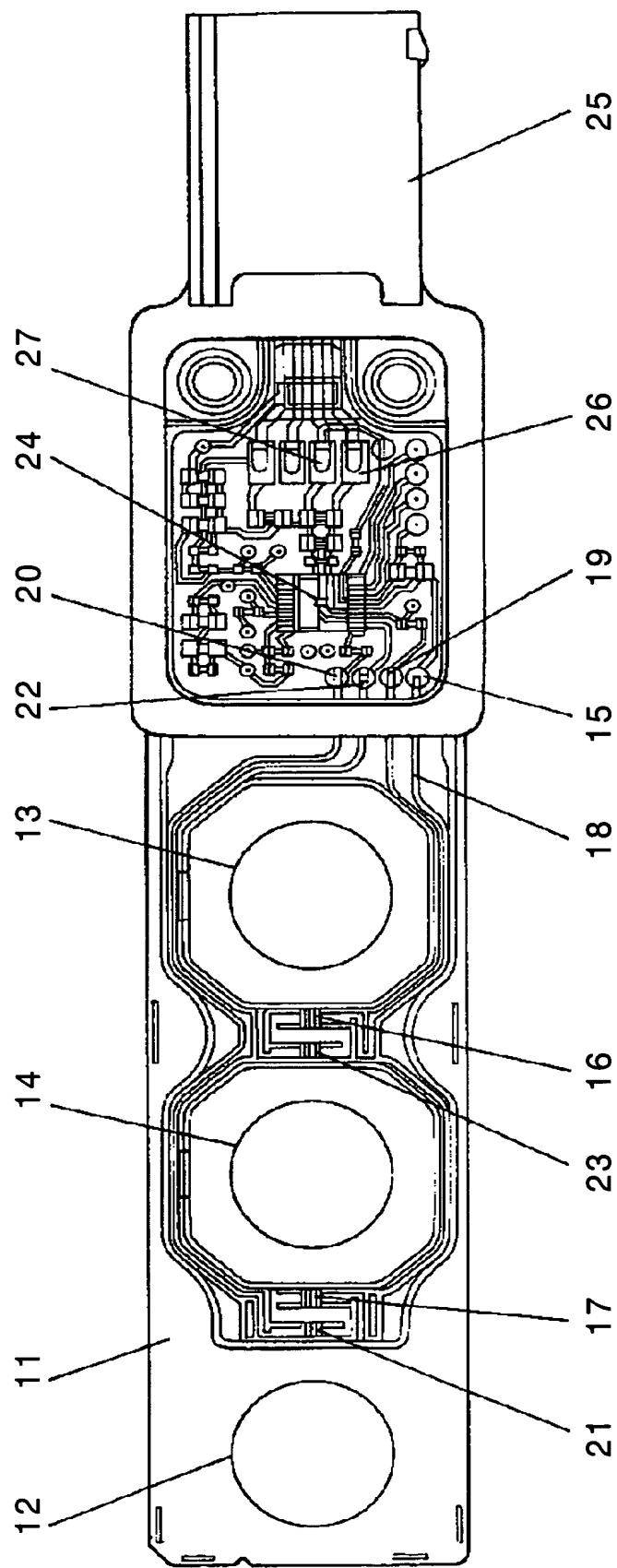


FIG.5

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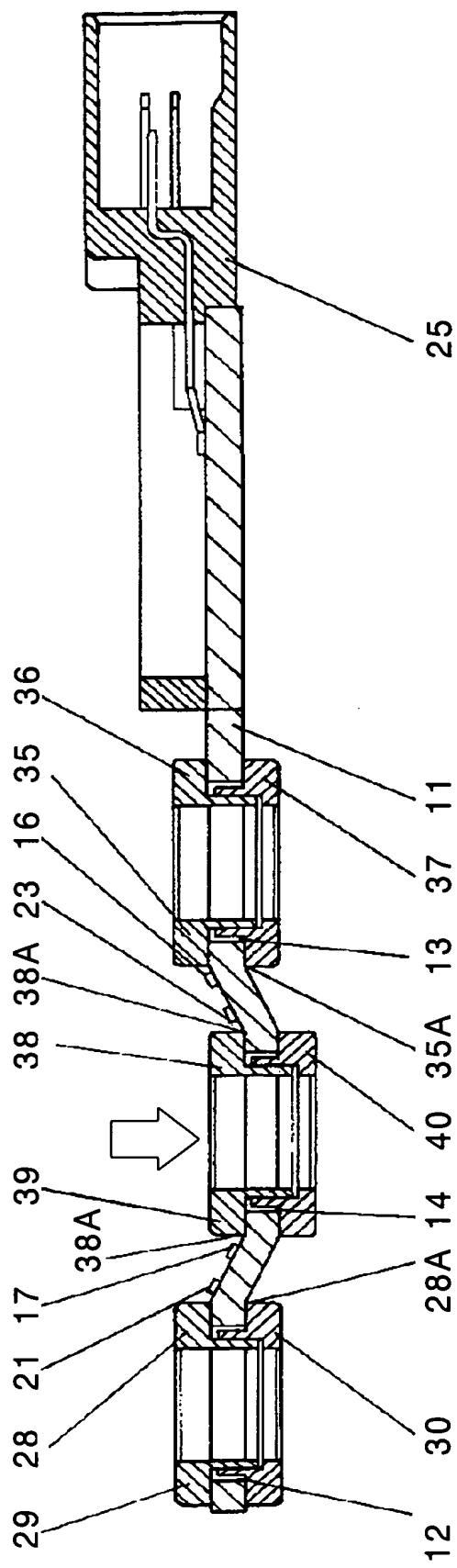


FIG.6

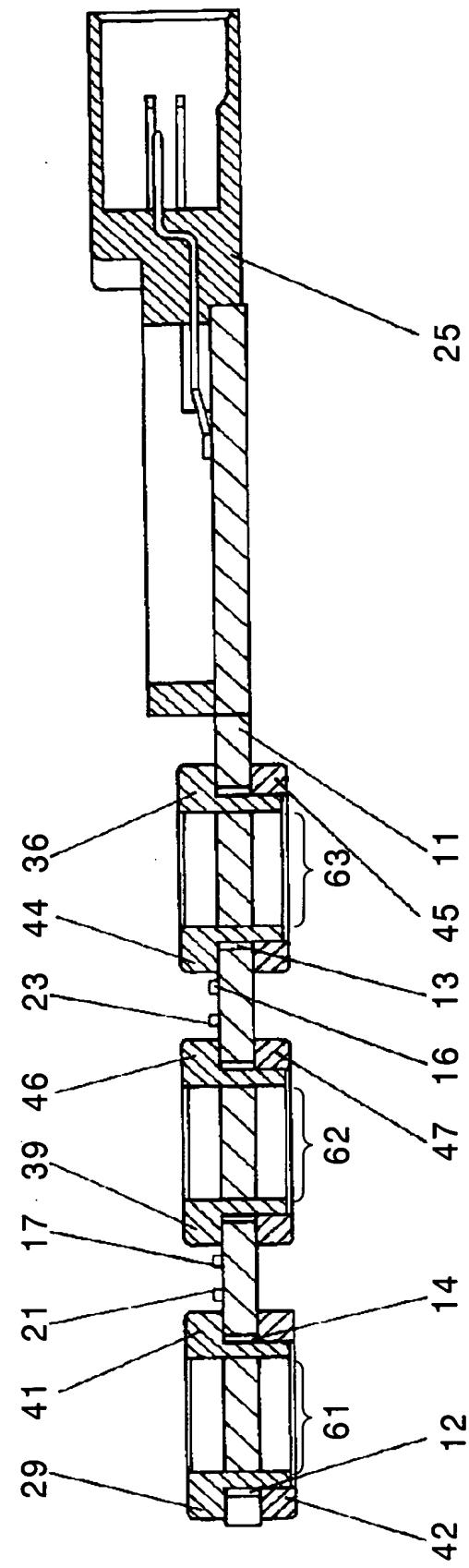


FIG.7

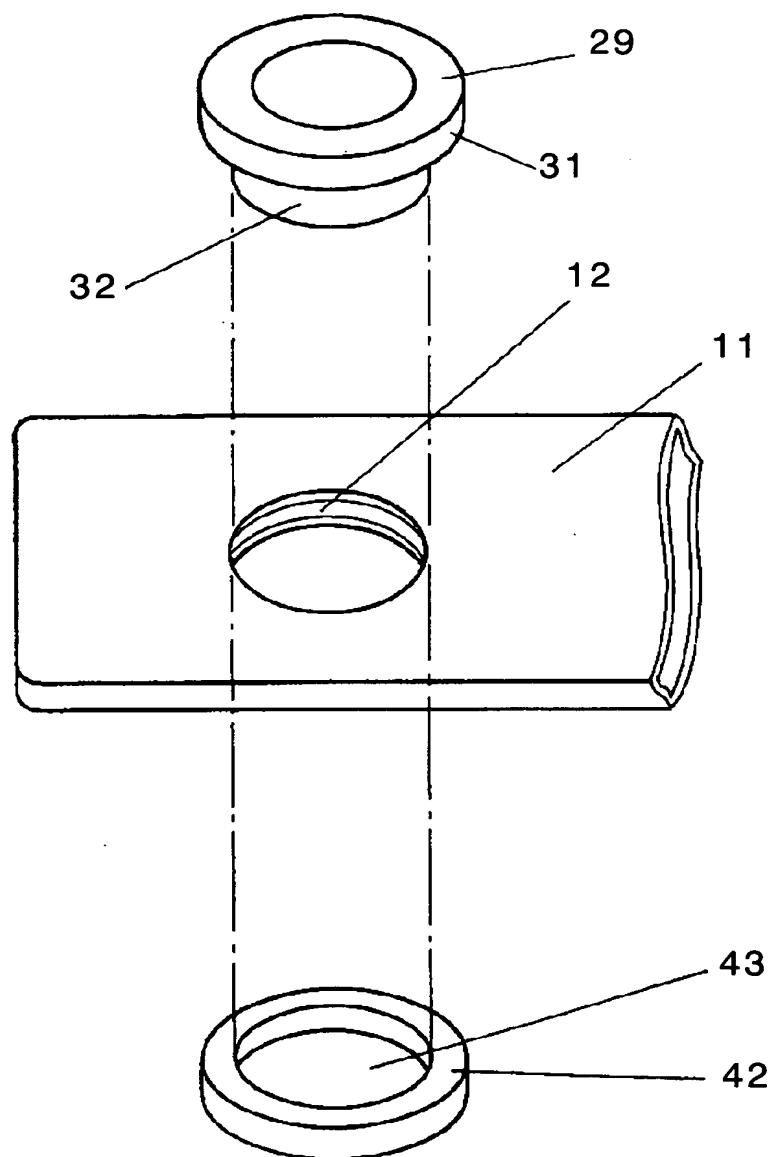


FIG.8

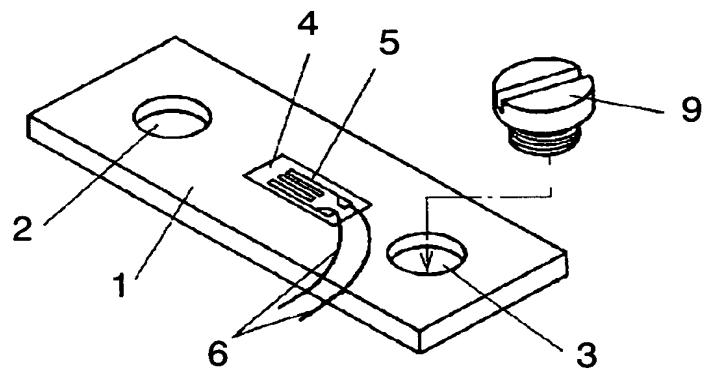
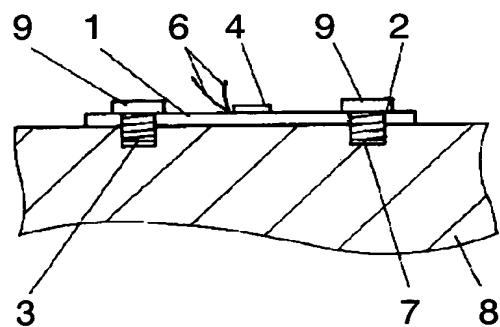


FIG.9



REFERENCE MARKS IN THE DRAWINGS

- 1 Sensor substrate
- 2 First fixing hole
- 3 Second fixing hole
- 4 Strain-detecting element
- 5 Element portion
- 6 Lead
- 7 Internal thread
- 8 Detection target
- 9 External thread
- 11 Sensor substrate
- 12 First fixing hole
- 13 Second fixing hole
- 14 Detection hole
- 15 Power electrode
- 16 First strain-detecting element
- 17 Second strain-detecting element
- 18 Circuit pattern
- 19 First output electrode
- 20 Second output electrode
- 21 Third strain-detecting element
- 22 GND electrode
- 23 Fourth strain-detecting element
- 24 IC
- 25 Connector
- 26 External power electrode
- 27 External GND electrode

- 28 First fixing member
- 28A End
- 29 First upper washer
- 30 First lower washer
- 31 Contact head
- 32 Insertion part
- 33 Contact head
- 34 Insertion part
- 34A Internal periphery
- 35 Second fixing member
- 35A End
- 36 Second upper washer
- 37 Second lower washer
- 38 Detection member
- 38A End
- 39 Upper washer of detecting portion
- 40 Lower washer of detecting portion
- 41 First fixing member
- 42 First lower washer
- 43 Hole
- 44 Second fixing member
- 45 Second lower washer
- 46 Detection member
- 47 Lower washer of detecting portion
- 51, 52, 53, 61, 62, 63 Hole